

Notice of Allowability

Application No.

09/989,677

Examiner

Haissa Philogene

Applicant(s)

DOWLING ET AL.

Art Unit

2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed 7/10/07.
2. ☒ The allowed claim(s) is/are 1-8, 10-12, 14, 18-20, 34-41, 43-45, 47, 51-53 now renumbered 1-30.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date See Continuation Sheet
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Haissa Philogene
Primary Examiner
A.U. 2821
Haissa Philogene

Continuation Sheet (PTOL-37)

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Continuation of Attachment(s) 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date: 4/15/02; ~~3/14/03~~; 7/10/07.

4/23/07

DETAILED ACTION***Allowable Subject Matter***

The following is an examiner's statement of reasons for allowance: The prior art fails to disclose an information system and method thereof having, inter alia, a processor for monitoring the information signal not associated with color to obtain signal parameter values and for converting the signal parameter values into color parameters of an illumination control signal; and a controller for communicating the illumination control signal to the input connection to control a light output of the illumination device to correspond to the color parameters of the illumination control signal so as to convey the information received in the information signal (claims 1 and 34); or wherein the signal input receives an illumination control signal representing scalar information, and wherein the processor converts the information signal into an illumination control signal and the illumination device changes color corresponding to the information signal (claims 6 and 39); or wherein the information signal input is associated with the processor; and wherein a second processor is associated with processor and said second processor converting an information signal representing scalar information to lighting control signals representing color and communicating the lighting control signals to the processor (claims 8 and 41); or a controller to receive an information signal representing numeric information not associated with color; configured to format the information signal as a lighting control having hue, saturation and intensity parameters; and to control the illumination device so as to vary at least a color of light generated by an LED illumination device in response to the information signal, wherein at least one of

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a hue, a saturation and an intensity of the generated light represents the numeric information encoded in the received information signal (claims 14 and 47); or providing an information signal input wherein the information signal input is associated with the processor, wherein the processor converts scalar information received on the information signal input to color information provided to the signal input of the at least two controllers (claims 18 and 51). The remaining claims 2-5, 7, 10-12, 19, 20, 35-38, 40, 43-45, 52 and 53 are allowed by virtue of their dependencies from the independent claims. Hence, the examiner has allowed claims 1-8, 10-12, 14, 18-20, 34-41, 43-45, 47 and 51-53.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Ninke, Patent No. 3,653,001.

Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haissa Philogene whose telephone number is (571) 272-1827. The examiner can normally be reached on 8:30 A.M.-6:00 P.M..

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W. Owens can be reached on (571)272-1662. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

hp

Haissa Philogene
Primary Examiner
- A.U. 2821
